

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Ikurou MARUYAMA et al. : **Mail Stop: PCT**  
Serial No. 10/577,447 : Attorney Docket No. 2006\_0649A  
Filed April 27, 2006 :

ANTITUMOR MEDICINE  
[Corresponding to PCT/JP2004/016354  
Filed October 28, 2004]

THIS DOCUMENT IS AUTHORIZED  
FOR DEPOSIT IN THE  
PATENT DEPARTMENT OF THE  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

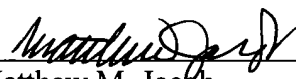
- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation contained in the specification of the present application at page 1,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:  
JP 9-505988 corresponds to WO 95/10616  
JP 2003-519660 corresponds to WO 01/51058
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Ikurou MARUYAMA et al.

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July 24, 2006

## INFORMATION DISCLOSURE STATEMENT

\* FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: July 24, 2006

ATTY DOCKET NO.  
2006\_0649ASERIAL NO.  
10/577,447APPLICANT  
Ikurou MARUYAMA et al.FILING DATE  
April 27, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AB	95/10616	04/1995	WO			abstract
	AC	9-505988	06/1997	JP			corresponds to AB X
	AD	2001-89377	04/2001	JP			abstract
	AE	2003-519660	06/2003	JP			corresponds to AF X
	AF	01/51058	07/2001	WO			
	AG	03/038084	05/2003	WO			
	AH	03/038085	05/2003	WO			
	AI	03/038107	05/2003	WO			
	AJ	02/26060	04/2002	WO			
	AK	02/26061	04/2002	WO			
	AL	00/56838	09/2000	WO			
	AM	8-59646	03/1996	JP			abstract
	AN	01/51480	07/2001	WO			abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Baute, M. A., et al., "Enzymic Activity Degrading 1,4- $\alpha$ -D-Glucans to Ascopyrones P and T in Pezizales and Tuberales," <u>Phytochemistry</u> , Vol. 33, No. 1, (1993), p.41-45
	AP	Shafizadeh, F., et al., "1,5-anhydro-4-deoxy-D-glycero-hex-1-en-3-ulose and Other Pyrolysis Products of Cellulose," <u>Carbohydrate Research</u> , Vol. 67, (1978), p.433-447
	AQ	Stevenson, T. T., et al., "The Crystal Structure of 1,5-anhydro-4-deoxy-D-glycero-hex-1-en-3-ulose," <u>Carbohydrate Research</u> , Vol. 90, (1981), p.319-325

EXAMINER

DATE CONSIDERED